



New Data Indicates California Remains Ahead of Clean Electricity Goals. For Immediate Release: February 22, 2022. SACRAMENTO -- Data from the California Energy Commission (CEC) shows that 59 percent of the state's ???



Date: Thursday, April 11, 2024 Contact: Interior\_Press@ios.doi.gov WASHINGTON ??? The Biden-Harris administration today announced a series of historic milestones and actions to promote responsible clean energy development on public lands and help achieve President Biden's goal of creating a carbon pollution-free power sector by 2035.. Secretary of the Interior Deb Haaland ???



The UN also wants to see 30 million jobs created in renewable energy by 2025. Without deep decarbonization, the goal of the Paris Agreement will "fall out of reach," the UN says. Four years from now ??? by 2025 ??? the goal is that 500 million more people will have access to electricity, while 1 billion more people will be able to

# CALIF GOAL FOR RENEWABLE ENERGY 2025



Peninsula Clean Energy has an ambitious new goal: deliver 100% renewable energy on an annual basis by 2025 in addition to 99% of the time on an hourly basis. Calif., wants to lead the U.S. power sector's energy transition by supplying renewable energy to customers in its Northern California service territory 24 hours a day, seven days a



Projects as of September 2024. The BLM has surpassed the goal of permitting 25 gigawatts (GW) of clean energy projects on public lands. As of September 2024, BLM has permitted 69 geothermal, 63 solar, 41 wind, and 42 renewable energy gen-tie projects (transmission lines that cross public lands to connect renewable energy projects that have been developed on private ???



From January to mid-July of this year, zero-carbon, renewable energy exceeded demand in California for 945 hours during 146 days ??? equivalent to a month-and-a-half of 100% fossil-fuel-free

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California recently upped the ante on its clean-energy goals, with its newly established goal to generate 60 percent of its generation from renewable resources. In addition, California has adopted a 100 percent carbon-free electricity by 2045. Energy storage factors prominently into alifornia's clean energy goals, and in fact some market



The senator said the 100% renewable goal would be "the most ambitious target in the world to expand clean energy and put Californians to work." The bill would put the state on par with Hawaii



According to the National Renewable Energy Laboratory (NREL), the Golden State's technical offshore wind potential stands at 200 GW. In 2021, the US outlined plans for BOEM to hold up to seven new offshore lease sales by 2025, including a lease sale for northern and central California, within the state's Morro Bay and Humboldt areas.

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SACRAMENTO ??? Non-fossil-fuel sources now make up 61 percent of retail electricity sales in California thanks to historic investment that has led to an extraordinary pace of development in new clean energy generation, according to the latest data compiled by the California Energy Commission (CEC). Sources eligible under the Renewables Portfolio ???



Offshore Renewable Energy and Floating Offshore Wind Resources. The 100 Percent Clean Energy Act of 2018 (SB 100, De Le?n, Chapter 321, Statutes of 2018) increased California's Renewables Portfolio Standard (RPS) goal to 60 percent by 2030 and requires RPS-eligible resources and zero-carbon resources to supply 100 percent of California's electricity retail ???

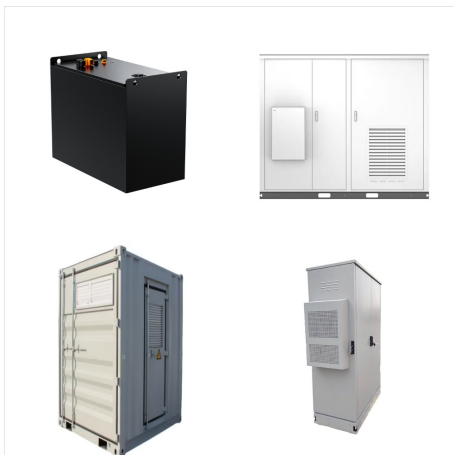


A Leading Renewable Energy Financing Bank Gains Important Insights on U.S.- based Opportunities. To reach that goal, each utility will have to achieve a new renewable gas standard: No later than 2030, they will have to source biomethane equal to approximately 12.2% of their annual gas demand from core customers, which typically include

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Renewable Energy Development in the California Desert. Photo by Tom Brewster. WASHINGTON ??? The Biden-Harris administration today announced a series of historic milestones and actions to promote responsible clean energy development on public lands and help achieve President Biden's goal of creating a carbon pollution-free power sector by 2035.



But to reach our ultimate goal of 100% clean electricity by 2045, we need to build more clean energy, faster. Electrifying California's economy and building a reliable, safe, affordable, and ???



An increasing percentage of energy used by Californians comes from eligible renewable sources. A key mandate advancing the use of renewable energy has been the RPS, which requires California load-serving entities (LSEs) to increase their procurement of eligible renewable energy resources (solar, wind, geothermal, biomass, and small hydroelectric) to 33 percent of retail ???

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In most cases, a CES policy will include an RPS as part of the requirement. For example, California enacted its CES in 2018, which requires the state's utilities to generate 100% clean electricity by 2045. 35% by 2025 (goal, including energy efficiency and demand reduction). Applicable Sectors: Investor-owned utility, municipal utilities



In our district, Peninsula Clean Energy has been working toward a goal of delivering "100% renewable energy each and every hour of the day" by 2025 ??? equivalent to the SB 100 target of 100% of retail sales, but 20 years earlier!



SB 100 would accelerate the state's current RPS program to 50% by 2025 and 60% by 2030. In addition, SB 100 sets a 100% clean, zero carbon, and renewable energy policy for California's electricity system by 2045. It further requires state agencies regulating energy, clean air, and climate to implement the policy in all proceedings

# CALIF GOAL FOR RENEWABLE ENERGY 2025



We are committed to minimizing the impact of our operations on the environment through our 2025 Operational Goals. Energy Efficiency ??? Reduce energy intensity (kWh/sq. ft) across our operationally controlled facilities by 20%; Renewable Electricity ??? Source 80% renewable electricity from long-term Power Purchase Agreements (PPAs) and on-site projects



LADWP and City of Los Angeles leaders have been at the forefront of California utilities in adopting aggressive clean energy goals. LADWP was among the first electric utilities to achieve the first major state legislated target of 20% renewables by 2010. The goals include supplying 55% of our power retail sales from renewable energy



BLM seeks input on proposed clean energy project in California. to California's renewable energy portfolio and the Biden-Harris administration's goal of a carbon-pollution free energy economy." 10 solar, 13 geothermal, and 18 gen-ties) and exceeded the goal to permit 25 gigawatts of renewable energy by 2025. In total, the BLM has

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The California Energy Commission has adopted the 2025 Building Energy Efficiency Standards (Energy Code) for newly constructed, renovated buildings, and certain other existing buildings which will produce benefits that support the state's economic, clean energy, climate and public health goals.



the San Mateo County Energy and Water Strategy 2025 is a successful collaboration of municipal, private, and public stakeholders, providing a sustainable utilization of energy and water resources and systems that are safe and reliable, in support of our climate action goals, energy infrastructure and water supply across San Mateo County.



The bill specifically requires that 50 percent of California's electricity to be powered by renewable resources by 2025 and 60 percent by 2030, while calling for a "bold path" toward ???

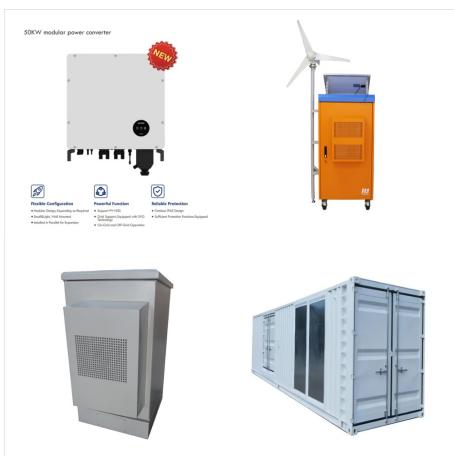
# CALIF GOAL FOR RENEWABLE ENERGY 2025



The California Energy Commission (CEC) has approved a \$30 million grant to Form Energy to build a long-duration energy storage project that will continuously discharge to the grid for 100 hours. The 5 MW / 500 MWh ???



California's legislative and regulatory goals for renewable energy are changing the power grid's dynamics. Increased variable generation resource penetration connected to the bulk power system, as well as, distributed energy resources (DERs) connected to the distribution system affect the grid's reliable operation over many different time



Twenty-nine jurisdictions, representing around half of US electricity retail sales, have mandatory renewable portfolio standards (figure 7); 24 jurisdictions, including two new states in 2023, have zero greenhouse gas (GHG) emissions or 100% renewable energy goals spanning 2030 through 2050. 12 Renewable portfolio standards and clean energy

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I'm also proud to say that Peninsula Clean Energy, the CCA providing service to most of my district, is way ahead of the curve in thinking about how they can match their renewable energy purchases to projected load on an hourly basis for every hour of the year, with a strategic goal of achieving 100% time-matched renewable energy by 2025



sacramento, california 95814 [energy.ca.gov](http://energy.ca.gov)  
cec-057 (revised 1/21) initial statement of reasons  
proposed revisions to the california building energy  
efficiency standards 2025 california administrative  
code 2025 building energy efficiency standards  
california code of regulations, title 24, part 1,  
chapter 10, and part 6 (2025 california energy code)



Clean cloud: Oracle maintains its goal of achieving 100% renewable energy use at all next-generation Oracle Cloud regions by 2025. Hardware recycling: Continuing its efforts to reduce e-waste, in FY20, Oracle collected 2.5 million pounds of retired hardware assets, of which 99.6% was either reused or recycled.

# CALIF GOAL FOR RENEWABLE ENERGY 2025



But absent that demand explosion ??? seemingly unlikely given recent trends ??? the state may miss the 2025 goal. study from the National Renewable Energy Laboratory and California Energy



Renewable Portfolio Standard (RPS) goals  
California requires all utilities to purchase energy that meets the state's aggressive renewable energy goal mandate. ??? In 2030, the state's RPS requires 60 percent of the energy provided by utilities to be from a qualified renewable source ???  
By 2045, 100 percent of all energy provided to